PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB

Substitut	Substitute for form 1449A/PTO		Complete if Known		
				Application Number	Unassigned
IN!	FORMATION	DISCLO	SURE	Filing Date	August 22, 2003
ST	TATEMENT B	SY APPLI	CANT	First Named Inventor	Bardy
(	(use as many she	ets as neces	isary)	Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	1	of	5	Attorney Docket Number	020.0344.US.CON

	U.S. PATENT DOCUMENTS								
Examiner Cite		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where				
Initials.	No.	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear				
7991		US-4,686,999	8/18/1987	Snyder et al.					
7		US-5,355,889	10/18/1994	Nevo et al.					
		US-5,591,215	1/7/1997	Greenhut et al.					
<u> </u>		US-5.660.183	8/26/1997	Chiang et al.					
		US-4,987,897	1/29/1991	Funke					
		US-5,040,536	8/20/1991	Riff					
		US-5,113,859	5/19/1992	Funke					
		US-5,113,869	5/19/1992	Nappholz, et al.					
		US-5,331,549	7/19/1994	Crawford Jr.					
		US-5,338,245	8/9/1994	Adams et al.					
	<u></u>	US-5,357,427	10/18/1994	Langen et al.					
	L	US-5,390,238	2/14/1995	Kirk et al.					
		US-5,437,278	8/1/1995	Wilk					
		US-5,544,661	8/13/1996	Davis et al.					
		US-5,553,609	9/10/1996	Chen et al.					
		US-5,704,366	1/8/1998	Tracklind et al.					
		US-5,711,297	1/27/1998	lliff					
		US-5,713,350	2/3/1998	Yokota et al.					
1		US-5,752,976	5/19/1998	Duffin et al.					

FOREIGN PATENT DOCUMENTS									
Examiner Initials/	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т			
ZX.		EP 0 711 531 A1	5/15/1996	Karlsson et al.		$\top$			
		EP 0 531 889 A2	3/17/1993	Hewlett-Packard		+			
77		EP 0 513 457	11/19/1992	Caliber Medical Corp		1			
		EP 0 34 2859	11/23/1989	Healthtech Services		1			
		WO 98/01742	2/19/1998	Cohen	,	1			
		WO 97/39792	10/30/1997	Feldman		1			
		WO 99/46718	9/16/1999	Healthware Corporation		1			

Examiner	Date / / 0
Signature	Considered 9/25/09

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

'Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901,04.

'Enter Office that issued the document, by the two-letter code (WIPO Standard ST,3). "For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. "Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible." Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Alexandria, VA 22313-1450. Do NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, PO Box 1450. Alexandria. VA 22313-1450. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

Substitute	Substitute for form 1449A/PTO		Complete if Known		
				Application Number	Unassigned
INI	FORMATION	DISCL	.OSURE	Filing Date	August 22, 2003
ST	ATEMENT E	Y APP	LICANT	First Named Inventor	Bardy
(	use as many she	ets as ne	cessary)	Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	2	of	5	Attorney Docket Number	020.0344.US.CON

U.S. PATENT DOCUMENTS								
Examiner Initials	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
Z#		US-5,772,604	6/30/1998	Langberg et al.				
		US-5,778,882	7/14/1998	Raymond et al.				
7		US-5,792,062	8/11/1998	Poon et al.				
		US-5,855,593	1/5/1999	Olson et al.				
		US-5,876,353	3/2/1999	Riff				
		US-5,931,857	3/2/1999	Prieve				
7		US-5,987,352	11/16/1999	Klein et al.				
		US-6,139,494	10/31/2000	Caimes				
		US-5,199,428	4/6/1993	Obel et al.				
		US-5,724,983	3/10/1998	Selker et al.				
		US-6,171,256	1/9/2001	Joo et al.				
		US-6,168,563	1/2/2001	Brown				
1		US6,223,078	04/24/2001	Marcovecchio				
1	1	U\$-4,852,570	8/1/1989	Levine <				
1		US-6,024,699	2/15/2000	Surwit et al.				
4		US-6,047,203	4/4/2000	Sackner et al.				

	FOREIGN PATENT DOCUMENTS									
Examiner Cite Initials' No.1		Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date Name of Pate							
		**************************************								
				4						
						-				

Examiner Date Signature Considered

"EXAMINER: Initial if reterence considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). "See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

Better Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. "Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. "Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Examiner

Signature

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB

Substitut	Substitute for form 1449A/PTO		Complete if Known		
				Application Number	Unassigned
IN	<b>FORMATION</b>	DISCLO	SURE	Filing Date	August 22, 2003
i st	ATEMENT E	SY APPLI	CANT	First Named Inventor	Bardy
	(use as many she	ets as neces	sary)	Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	. 3	of	5	Attorney Docket Number	020.0344.US.CON

	U.S. PATENT DOCUMENTS								
_		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where				
Examiner Initials*	Cite No.1	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear				
$\mathcal{A}\!\!P$	<u> </u>	US-4974607	12/4/90	Miwa					
		US-5576952	11/19/96	Stutman					
		US-5743267	4/28/98	Nikolic					
		US-5897493	4/27/98	Brown					
		US-6302844	10/16/01	Walker					
		US-6336900	1/8/02	Alleckson					
		US-6073046	6/6/00	Patel					
		US-5749907	5/12/98	Mann					
		US-4531527	7/30/85	Reinhold, Jr. et al.					
I		US-4809697	4/7/1989	Causey, III et al.					
		US-4958645	9/25/1990	Cadell et al.					
1		US-5416695	5/16/1995	Stutman et al.					
		US-5421343	6/6/1995	Feng					
		US-5687734	11/18/1997	Dempsey et al.					
		US- 6246992	6/12/2001	Brown	444444				
		US- 5749908	5/12/1998	Snell					
		US- 5720771	2/24/1998	Snell					
		US- 5697959	12/16/1997	Poore					
Ø	,	US- 5724580	3/3/1998	Levi et al.					

	FOREIGN PATENT DOCUMENTS									
	Γ	Foreign Patent Document	Dublinetine Data	Name of Patentee or	Pages, Columns, Lines.	Т				
Examiner Initials*	Cite No. <sup>1</sup>	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>6</sup> (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	1				
					Managed Alice in the Manager I also Manager	╁				
						1				
			enting the color of the same and		***************************************	+				
	<u> </u>					+				
						1				
						$\perp$				

Date

Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

\*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Not of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached. Burden Hour Stalement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, PO Box 1450. Alexandria, VA 22313-1450. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB

Substitute for form 1449A/PTO				Complete	Complete if Known		
				Application Number	Unassigned		
INF	ORMATION	I DISCLO	SURE	Filing Date	August 22, 2003		
STA	ATEMENT I	<b>3Y APPL</b>	ICANT	First Named Inventor	Bardy		
(u	se as many she	ets as nece	essary)	Art Unit	Unassigned		
				Examiner Name	Unassigned		
Sheet	4	of	5	Attorney Docket Number	020.0344.US.CON		

	U.S. PATENT DOCUMENTS								
Examiner Initials ()	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
All		US-5738102	4/14/1998	Lemelson					
7		US-5772586	6/30/1998	Heinonen et al.					
T		US-5785650	7/28/1998	Akasaka et al.					
		US-5879375	3/9/1999	Larson, Jr. et al.					
		US-5891178	4/6/1999	Mann et al.					
		US-5911132	6/8/1999	Sloane	,				
		US-5957861	. 9/28/1999	Combs et al.					
		US-6083248	7/4/2000	Thompson					
		US-6093146	7/25/2000	Filangeri					
		US-6102856	8/15/2000	Groff et al.					
		US-6171237	1/9/2001	Avitall et al.	The second section of the second seco				
		US- 6155267	12/5/2000	Nelson					
		US-5954640	9/1/1999	Szabo					
		US-6050940	4/1/2000	Braun					
		US-6454705	12/1/1989	Cosentino					
		US-6,067,466	5/23/2000	Selker					
		US-6,095,985	8/1/2000	Raymond et al.					
$\perp I_{\perp}$		US-6,477,424	11/5/2002	Thompson et al.					
V		US-6,416,471	7/9/2002	Kumar et al.					
4		US-							

		FOREIG	N PATENT DOCL	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	₹6
	ļ					lacksquare
	<b> </b>				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	#
						╁
						<u> </u>
	ļ					1
Examine Signatur				Date Considered	2/25/04	-

EXAMINER: Initial it reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

'Enter Office that issued the document, by the two-letter code (WIPO Standard ST, 3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PTO/SB/08B (10-01)

020.0344.US.CON

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademerk Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB

Attomey Docket Number

control number. Complete if Known Substitute for form 1449B/PTO **Application Number** Unassigned August 22, 2003 Filing Date INFORMATION DISCLOSURE First Named Inventor Bardy STATEMENT BY APPLICANT Group Art Unit Unassigned (use as many sheets as necessary) Examiner Name Unassigned

of

Sheet

Signature

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the	Ι,
Examiner Initials*	Cite, No.	item (book, magazine, Journal, serial, symposium, catalog, etc.), date, page(s), volume-issue	'
	710.	number(s), publisher, city and/or country where published.	
XX		MOODY GB, "Integration of Real-Time and Off-Line Clinical Data in the MIMIC Database," Computers in Cardiology 1997 Vol. 24, pp.585-588, Cambridge, MA USA	
		LONG WJ, et al., "Differential Diagnosis Generation From A Causal Network With Probabilities," Computers in Cardiology, 1988, Proceedings, pp. 185-188, Washington DC, USA	
	***************************************		
			-
			-
			-
			<u> </u>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Considered

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under it Paperwork Red ction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known		
				Applicati n Number	10/646,083	
JN	FORMATION	I DISCLO	SURE	Filing Date	August 22, 2003	
SI	TATEMENT (	BY APPLI	CANT	First Named Inventor	Bardy	
	(use as many she	ets as neces	ssary)	Art Unit	Unassigned	
				Examiner Name	Unassigned	
Sheet	1	of	1	Attorney Docket Number	020.0344.US.CON	

		·	U.S. PATE	NT DOCUMENTS	:
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
initials*	No.1	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
794		US-6,287,252	9/11/2001	Lugo	
0					
					***************************************
				-	
				11 t villation	
			***************************************		
				4494	
<u> </u>					
į	l				

		FOREIG	N PATENT DOC	JMENTS	<u></u>	
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if knpwn)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>e</sup>
						L
						+

Examiner Date Signature Considered

\*EXAMINER: Initial Heterence considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 'Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Mail Stop IDS, PO Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (06-03)
Approved for use through 07/31/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under		o person	s are required to ri	espond to a collection of informa	tion unless it displays a valid OMB control number		
Substitute for form 1449APTO				Complete if Known			
'				Application Number	10/646,083		
INFORMATION DISCLOSURE			URE	Filing Date	August 22, 2003		
S <sup>-</sup>	STATEMENT BY APPLICANT		ANT	First Named Inventor	Bardy		
	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Art Unit	3762		
	(use as many sheets as neces	sary)		Examiner Name	Unassigned		
Sheet	1	of		Attorney Docket Number	020.0344.US.CON		

			U.S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.	Document Number  Number - Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
791		US-5.603.331	02-18-1997	Heemels et al.	
¥		US-6,290,646	09-18-2001	Cosentino et al.	•
		US-		•	
		US-	•	·	
		US-		i .	
		US-			
		US-			
		US-			
		US-	70.00		^
		US-			
		US-			
	ļ	US-			
····	<u> </u>	US-			
		US-			
		US-			
	Li	US-			-
		US-			
		US-			
	ll	US-			
		US-			

FOREIGN PATENT DOCUMENTS									
0.11	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,					
	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (il known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	T <sup>6</sup>				
		· · · · · · · · · · · · · · · · · · ·							
	***************************************		. :	A					
	*			***************************************					
		: 	***************************************	***					
			***************************************		· ·				
			·						
					-				
					-				
	Cite No.¹	Foreign Patent Document Cite	Foreign Patent Document Publication Date	Cite Poteign Patent Document Publication Date Name of Patentee or	Cite No. Country Code - Number - Kind Code (il known)  Publication Date MM-DD-YYYY  Publication Date MM-DD-YYYY  Name of Patentee or Applicant of Cited Document  Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				

•		
Examiner	Date	0//118
Signature	Considered	9125/09

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.'

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
to a collection of information unless it displays a valid OMB control number. e Paperwork Reduction Act of 1995, no persons are required to response

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

Substitute for form 1449A/PTO

Col	te August 22, 2003 ned Inventor Bardy, Gust H. 3762 r Name Unassigned					
Application Number	10/646,083					
Filing Date	August 22, 2003					
First Named Inventor	Bardy, Gust H.					
Art Unit	3762					
Examiner Name	Unassigned					
Attomey Docket Number	020.0344.US.CON					

	U.S. PATENT DOCUMENTS							
Examiner	Cite	Document Number Publication Date	Name of Patentee or	Pages, Columns, Lines, Where				
Initia	No.	Number - Kind Code <sup>2 (# known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear			
		US-5,769,074	06-23-1998	Bamhill et al.				
<u> </u>		US-5,133,346	07-28-1992	Kulkami				
A		US-4,142,533	03-06-1979	Brownlee et al.				
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		U\$-						
		US-						
		UŞ-						
		US-		,				
		US-						
		US-						
		US-						
		US-						
		US-						

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ <sup>6</sup>			
						1			
						-			
						1			
•						+			

	44		
Examiner		D-4-	) · · · · · · · · · · · · · · · · · · ·
	A A	Date	a/2=/8(/
Signature		Considered	1125/09

\*EXAMINER: Initial if eference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include oppy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.usplo.gov">www.usplo.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Substitute for form 1449A/PTO

FRATE TRAB

Sheet

Examiner Signature

		Co	emplete if Known
INFORMATION DISCLOSURE		Application Number	10/646,083
STATEMENT DY ARRI	JOURE	Filing Date	August 22, 2003
STATEMENT BY APPL	ICANT	First Named Inventor	Bardy, Gust H.
(Use as many sheets as necessa.	nv)	Art Unit	3762
		Examiner Name	Unassigned
	of 1	Attorney Docket Number	

Examiner Cite Initials No.1		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
	US-5,438,983 US-5,464,012 US-5,974,124 US-6,080,106 US-5,720,770 US-6,122,351 US-6,225,901 US-6,249,705 US-6,250,309 US-6,263,245 US-6,363,262 US-6,442,433 US-6,497,655	08-08-1995 11-07-1995 10-26-1999 06-27-2000 02-24-1998 09-19-2000 05-01-2001 06-19-2001 06-26-2001 07-17-2001 03-26-2002 08-27-2002 12-24-2002	Falcone Falcone Schlueter, Jr. et al. Lloyd et al. Nappholz et al. Schlueter, Jr. et al. Kail, IV Snell Krichen et al. Snell Nichols et al. Linberg Linberg et al.	Figures Appear

	Γ	FOREIG	N PATENT DOCL	MENTS		
examiner nitials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T-
						-
						_
						_

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at <a href="https://www.usplo.gov">www.usplo.gov</a> or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

Date

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the IUSPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031 v

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for	Substitute for form 1449A/PTO	Complete if Known				
				Application Number	Unassigned	
INFO	PRMATION	I DISCLO	OSURE -	Filing Date	Sept 20, 2002	•
STA	STATEMENT BY APPLICANT		ICANT	First Named Inventor	Bardy	
(us	e as many she	ets as nece	essary)	Art Unit	Unassigned	
				Examiner Name	Unassigned	
Sheet	1	of	3	Attorney Docket Number	003.0290.01	

			U.S. PATE	NT DOCUMENTS	
Examiner Initials*	Cite No.	Document Number  Number - Kind Code <sup>2</sup> (il known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
234		US-4,686.999	8/18/1987	Snyder et al.	
00		US-5,355,889	10/18/1994	Nevo et al.	
		US-5,591,215	1/7/1997	Greenhut et al.	
		US-5.660.183	8/26/1997	Chiano et al.	
		US-4,987,897	1/29/1991	Funke	
		US-5,040,536	8/20/1991	Riff	
		US-5,113,859	5/19/1992	Funke	and the second s
		US-5,113,869	5/19/1992	Nappholz, et al.	
		US-5,331,549	7/19/1994	Crawford Jr.	
<u> </u>		US-5,336,245	8/9/1994	Adams et al.	
		US-5,357,427	10/18/1994	Langen et al.	
		US-5,390,238	2/14/1995	Kirk et al.	
		US-5,437,278	8/1/1995	Wilk	
	***************************************	US-5,544,661	8/13/1996	Davis et al.	
		US-5,553,609	9/10/1996	Chen et al.	
		US-5,704,366	1/6/1998	Tracklind et al.	
		US-5,711,297	1/27/1998	Hiff	
		US-5,713,350	2/3/1998	Yokota et al.	
<b>4</b>		US-5,752,976	5/19/1998	Duffin et al.	

		FOREIC	SN PATENT DOC	JMENTS		
Examiner Initials	Cite No.	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	\[\frac{1}{1}\]
27		EP 0 711 531 A1	5/15/1996	Karlsson et al.		1
P		EP 0 531 889 A2	3/17/1993	Hewlett-Packard		1
		WO 97/39792	10/30/1997	Feldman		†
		WO 99/46718	9/16/1999	Healthware Corporation		İ
						1
						†
						ł
						t

Date

Considered

Examiner

Signature

EXAMINER: Initial intertence considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB of the control o control number.

Substitute for form 1449A/PTO		Complete if Known			
				Application Number	Unassigned
INFORMATION DISCLOSURE				Filing Date	Sept 20, 2002
STA	STATEMENT BY APPLICANT (use as many sheets as necessary)			First Named Inventor	Bardy
(us				Art Unit	Unassigned
·				Examiner Name	Unassigned
Sheet	2	of	3	Attorney Docket Number	003.0290.01

			U.S. PATE	NT DOCUMENTS	
Examiner Initials	Cite No.'	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US-5.772.604	6/30/1998	Langberg et al.	
	-	US-5,778,882· ·	7/14/1998	Raymond et al.	
		US-5.792.062	8/11/1998	Poon et al.	
		US-5.855.593	1/5/1999	Olson et al.	
	<b> </b>	US-5,876,353	3/2/1999	Riff	
		US-5,931,857	3/2/1999	Prieve	
		US-5,987,352	11/16/1999	Klein et al.	
		US-6,139,494	10/31/2000	Cairnes	
		US-5,199,428	4/6/1993	Obel et al.	
	ļ	US-5,724,983	3/10/1998	Selker et al.	
		US-6,171,256	1/9/2001	Joo et al.	
	-	US-6,168,563	1/2/2001	Brown	
*		US6,223,078	04/24/2001	Marcovecchio	
		US-			
		US-			
		US-			

			N PATENT DOC	UMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Cods <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	,
						+
			3			†
						-
						I
<del></del>						L
Examine Signatur				Date Considered	9/23/04	_

'EXAMINER: Initial Trelerence Considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

\*EXAMINEH: Initial Regigraper considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document by the appropriate symbols as Indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached. Burden Hour Stalement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents. Washington, DC 20231.

PTO/SB/08B (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB
mber. control number.

Substitu	ute for form 1449B/F	210		Complete if Known				
				Application Number	Unassigned			
11	NFORMATION	DISC	LOSURE	Filing Date	Sept 20, 2002  ntor Bardy Unassigned Unassigned Unassigned			
S	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	PLICANT	First Named Inventor	Bardy				
ı		MATION DISCLOSURE MENT BY APPLICANT many sheets as necessary)	Group Art Unit	Unassigned				
STATEMENT BY APPLICANT (use as many sheets as necessary)	Examiner Name	Unassigned						
Sheet	Sheet 3 of 3		Attorney Docket Number	003.0290.01				

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
_		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the	Т
Examiner Initials*	Cite, No.	item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue	1
	140.	number(s), publisher, city and/or country where published.	1
XX.		MOODY GB, "Integration of Real-Time and Off-Line Clinical Data in the MIMIC Database," Computers in Cardiology 1997 Vol. 24, pp.585-588, Cambridge, MA USA	1
J		LONG WJ, et al., "Differential Diagnosis Generation From A Causal Network With Probabilities," Computers in Cardiology, 1988, Proceedings, pp. 185-188, Washington DC, USA	
			+
			+
			-
-			
			-
			-
			l
			-
			L
			_
aminer			-

\*EXAMINER: Initial it reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Considered

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Signature

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

MAR 2 7 2003

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
erwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB Under the Po ontrol number.

Substitutel	for form 1449A/i	PTO		Complete	e if Known	
, —				Application Number	10/251,473	
	ORMATION			Filing Date	Sept 20, 2002	
	TEMENT B			First Named Inventor	Bardy	
(us	se as many she	ets as neces	sary)	Art Unit	3736	
				Examiner Name	Unassigned	
Sheet	1	of	2	Attorney Docket Number	003 0290 HS COM	

	, ——	Y	U.S. PATE	NT DOCUMENTS	
xaminer hitials	Cite No.	Document Number  Number - Kind Code <sup>2</sup> (if knawn)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-4974607	12/4/90	Miwa	7
$\leq$		US-5576952	11/19/96	Stutman	7FO
		US-5743267	4/28/98	Nikolic	
		US-5897493	4/27/98	Brown	MAD
		US-6302844	10/16/01	Walker	TECHNOLOGY CENTER
		US-6336900	1/8/02	Alleckson	CHNO.
1		US-6073046	6/6/00	Patel	OCV -
		US-5749907	5/12/98	Mann	CENTO
		US-4531527	7/30/85	Reinhold, Jr. et al.	168
		US-4809697	4/7/1989	Causey, III et al.	
1		US-4958645	9/25/1990	Cadell et al.	
		US-5416695	5/16/1995	Stutman et al.	
		US-5421343	6/6/1995	Feng	
		US-5687734	11/18/1997	Dempsey et al.	
		US- 6246992	6/12/2001	Brown	
4		US- 5749908	5/12/1998	Snell	
		US- 5720771	2/24/1998	Snell	
		US- 5697959	12/16/1997	Poore	
4		US- 5724580	3/3/1998	Levin et al.	

		FOREIG	N PATENT DOCL	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
_ <b>X</b>		EP 0 513 457	11/19/1992	Caliber Medical Corp		✝−
		EP 0 34 2859	11/23/1989	Healthtech Services		1-
_¥_		WO 98/01742	2/19/1998	Cohen		†
						I
						1
						+
						╀
					· · · · · · · · · · · · · · · · · · ·	+

Examiner Date Signature Considered

EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the sertal number of the patent document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

MAR 2 7 2003

Signature

PTO/SB/08B (10-01)
Approved for use through 10/31/2002. OMB 0651-031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE PTO/SE/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Pape Captrol to Mber erwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB

Substitute for form 1449A/PTO Complete if Known Application Number 10/251,473 **INFORMATION DISCLOSURE** Filing Date Sept 20, 2002 STATEMENT BY APPLICANT Bardy First Named Inventor (use as many sheets as necessary) 3736 Art Unit Examiner Name Unassigned 2 of Sheet Attorney Docket Number 003.0290.US.CON

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials	No.'	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Refevant Passages of Relevant Figures Appea
78%		US-5738102	4/14/1998	Lemelson	\SQ_*
4/_		US-5772586	6/30/1998	Heinonen et al.	Ma
		US-5785650	7/28/1998	Akasaka et al.	) So "4P 2
		US-5879375	3/9/1999	Larson, Jr. et al.	CHANG
		US-5891178	4/6/1999	Mann et al.	TECHNOLOGY CENTER
		. US-5911132	6/8/1999	Sloane	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )
		US-5957861	9/28/1999	Combs et al.	ENTA
		US-6083248	7/4/2000	Thompson	<b>*</b>
		US-6093146	7/25/2000	Filangeri	
		US-6102856	8/15/2000	Groff et al.	
		US-6171237	1/9/2001	Avitall et al.	
		US- 6155267	12/5/2000	Nelson	
		US-5954640	9/1/1999	Szabo .	
		US-6050940	4/1/2000	Braun	
₩		US-6454705	12/1/1989	Cosentino	
		US-			
		US-			
		US- \			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS								
		Foreign Patent Document		At (	Pages, Columns, Lines,	Т		
Examiner Initials*	Cite No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>6</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	ŀ		
						+		
		- 1-107010000000000000000000000000000000			TURN	1		
·						╀		
						t		
						Į		
			<u> </u>			╁		
						T		
Examine					1			

Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office,

Sheet

020.0290.US.CON

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
The Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB

Substitute for form 1449A/PTO Complete if Known **Application Number** 10/251,473 INFORMATION DISCLOSURE Filing Date Sept. 20, 2002 STATEMENT BY APPLICANT **First Named Inventor** Bardy, Gust H. (use as many sheets as necessary) Art Unit Examiner Name Unassigned

Attorney Docket Number

of

			U.S. PATE	ENT DOCUMENTS	
Examiner Initials	Cite No.	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
XX	<u> </u>	US-4.852.570	8/1/1989	Levine	
0	ļ	US-6,024.699	2/15/2000	Surwit et el.	
		US-6.047,203	4/4/2000	Sackner et al.	
		US-6,067,466	5/23/2000	Selker .	
		US-6,095,985	8/1/2000	Raymond et al.	
<u> </u>		US-6,477,424	11/5/2002	Thompson et al.	
		US-			
+		US-			
		US-			
		US-			-
		US-			
		US-		,	
		US-			

			N PATENT DOC	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines. Where Relevant Passages or Relevant Figures Appear	,
					APP 700	Ŧ
·	<u> </u>				- A	1
					2003 L.L. R.C	1
					R 03	jţ
			4		3	1
						+

Examiner Date Signature Considered

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of fils form with next communication to applicant.

\*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

\*Enter Office that issued the document, by the two-letter code (WIPO Standard ST,3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the Individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/08A (10-01)
Approved for use through 10/31/2002, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB

Substitute f	or form 1449A/PTO	)		Complete	e if Known
				Application Number	10/251,473
INFOF	RMATION D	ISCL	.OSURE	Filing Date	September 20, 2002
STAT	EMENT BY	APP	LICANT	First Named Inventor	Bardy, Gust H.
,				Group Art Unit	3736
(us	se as many sheets	as nece	ssary)	Examiner Name	Unassigned
Sheet	1	of	1	Attorney Docket Number	020.0290.US.CON

	U.S. PATENT DOCUMENTS								
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where				
Initials	No.'	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear				
00		6,416,471	7/9/2002	Kumar ·					
		418			WED.				
					au Ell.				
				TECH.	Con Conten Raison				
					200- 200				
					Co				
			-		W/EA				
		*			, M3, CO				
		\							

		FOREIG	N PATENT DOC	JMENTS		_
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	7
						$ar{+}$
						1
						1
						$\pm$
						╁

Signature

Date

Considered

EXAMINER: Initial if eference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include clopy of this form with each communication to applicant.

Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Mail Stop IDS, PO Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for	or form 1449A	VPTO		Complete	e if Known
			•	Application Number	10/251,473
	PINATION			Filing Date	September 20, 2002
	STATEMENT BY APPLICANT			First Named Inventor	Bardy
(us	e as many sh	eets as nece	ssary)	Art Unit	3736
				Examiner Name	Unassigned
Sheet	1	of	1	Attorney Docket Number	020.0290.US.CON

	U.S. PATENT DOCUMENTS								
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where				
Initials	No.1	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear				
M		US-6,287,252	9/11/2001	Lugo					
			ļ						
				- REO-					
				- IECE					
				(SEP 3)					
				76	<i>2003</i>				
				- CHNOLOGY					
	··			TECHNOLOGY CE	VTFD				
					-11 H3700				
<del></del>									

		N PAIENT DOC	JMENTS		
Cite No.1	Foreign Patent Document  Country Code <sup>5</sup> - Number <sup>4</sup> - Kind Code <sup>6</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	1
					F
					1
					1
					<del> -</del>
					_
		Foreign Patent Document Cite	Foreign Patent Document Publication Date	Cite Publication Date Name of Patentee or	Foreign Patent Document  Publication Date  Publication Date  Name of Patentee or Where Relevant Passages  Where Relevant Passages

Considered

\*EXAMINER: Initiatif reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

\*Enter Office that issued the document, by the two-letter code (WIPO Standard ST,3). \*For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Mail Stop IDS, PO Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (06-03)
Approved for use through 07/31/2003. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
OF the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DE	Substitute for form 1449A/PTO		Complete If Known		
	NICONIA MANAGEMENT		Application Number	10/251,473	
	INFORMATION DI	SCLOSURE	Filing Date	September 20, 2002	
	STATEMENT BY	APPLICANT	First Named Inventor	Bardy	
			Art Unit	3736	
	(use as many sheets as necessary)		Examiner Name	Unassigned	
Shee	et 1	of	Attorney Docket Number	020.0290.US.CON	

			U.S. PATENT	DOCUMENTS	
Examiner Initials	Cite No.1	Document Number  Number - Kind Code <sup>2 (I known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A		US-5,603,331	02-18-1997	Heemels et al.	
		US-6,290,646 -	09-18-2001	Cosentino et al.	
		US-			<b>N</b> -
		US-			MEOR.
		US-			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
		US-			DEC
		US-			TEC 18 20
		US-		TECH	. ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
		US-			MOLOGY O
		US-		·	GENTER
	]	US-			18 2003 VOLOGY GENTER P3700
		US-			
		US ;			

		FOREIG	N PATENT DOCU	IMENTS		
Evenieer		Foreign Patent Document	Dublication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	Cite No.	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document		
	ļ <u>.</u>					Т
		•				T
1 1 1 1 1 1 1 1 1 1						$\top$
						<del>                                     </del>
						Γ
						T
						<del>                                     </del>
						$\vdash$

Considered EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WiPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

Date

Examiner

Signature

Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/S8/08a (08-03) Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
aperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. RADEMA Stitute for form 1449A/PTO Complete if Known Application Number 10/251,473 INFORMATION DISCLOSURE Filing Date September 20, 2002 STATEMENT BY APPLICANT First Named Inventor Bardy, Gust H. Art Unit 3736 (Use as many sheets as necessary) Examiner Name Unassigned

Attorney Docket Number

020.0290.US.CON

Sheet

Examiner

Signature

1			U.S. PATENT	DOCUMENTS	
Examiner Initials	Cite No.1	Document Number  Number - Kind Code <sup>2 (I Anomn)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
$\triangle$	ļ	US-5.769.074	06-23-1998	Barnhill et al.	гідогез дрреаг
-7_	ļ	US-5,133,346	07-28-1992	Kulkami	
V_		US-4,142,533	03-06-1979	Brownlee et al.	D-
	ļ	US-			MFCC.
		US-			- VE/VE
		US-			MAR 2 3 2000
<u>.</u>	ļ	US-			2 3 30
	ļ	US-		TEC.	MOLOGY CENTER ROTOO
		US-			"VLOGY OF
		US-			UENTEL O
		US-			=1 RG/00
		US-			

Foreign Patent Document suntry Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>4</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	7
				_
	6			
		0	•	6

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by translation is attached.

Date

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

MAY 0 3 2014 SE

CHADEME

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

(cor commy ement as necessary)

Complete if Known					
Application Number	10/251,473				
Filing Date	September 20, 2002				
First Named Inventor	Bardy, Gust H.				
Art Unit	3736				
Examiner Name	Unassigned				
Attorney Docket Number	020 0290 CON				

			U.S. PATENT	DOCUMENTS	
Examiner Initials	Cite No.	Document Number  Number - Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
730		US-5,438,983	08-08-1995	Falcone	
		US-5,464,012	11-07-1995	Falcone	·
	ļ	US-5,974,124	10-26-1999	Schlueter, Jr. et al.	
	<u> </u>	US-6,080,106	06-27-2000	Lloyd et al.	
II	l	US-5,720,770	02-24-1998	Nappholz et al.	
<u> </u>	ļ	US-6,122,351	09-19-2000	Schlueter, Jr. et al.	
		US-6,225,901	05-01-2001	Kail, IV	
<i>V</i>	<u> </u>	US-6,250,309	06-26-2001	Krichen et al.	
	ļ				
	<b> </b>				·
				1	
	ļ				
		4881 marks all all a grant and			

FOREIGN PATENT DOCUMENTS								
	T	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	Т		
	Cite No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear			
						<u> </u>		
	1					╁──		
	ļ					1		
	<b> </b> -					<u> </u>		
<del></del>	<del> </del>					├		
						1-		
	<u> </u>							
		<u> </u>						

	<del></del>					
Examiner			Date	~		
Signature			Considered	91	Q3/8	4

\*EXAMINER: Inflial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with rext communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

Trissition is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.